GRAND MULTI VIEW

USB to VGA/ HDMI Monitor

User's Manual

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DECLARATION OF CONFORMITY
Per FCC Part 2 Section 2. 1077(a)
FC
The following equipment:
Product Name : GRAND MULTI VIEW
Trade Name : GRANDTEC ELECTRONIC CORP.
Model Number : P498
 It's herewith confirmed to comply with the requirements of FCC Part 15 Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.
The result of electromagnetic emission has been evaluated by QuieTek EMC laboratory (NVLAP Lab. Code : <u>200533-0</u>) and showed in the test report. (Report No. : 085280R- <u>ITUSP01V02</u>)
It is understood that each unit marketed is identical to the device as tested, and

any changes to the device that could adversely affect the emission characteristics will require retest.

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C E Declaration of Conformity

The following product is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the laws of the Member States relating to Electromagnetic Compatibility Directive (2004/108/EC). The listed standards as below were applied:

The following Equipment:

Product	2	GRAND MULTI VIEW
Model Number	1	P498
Trade Name	2	GRANDTEC

This product is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the laws of the Member States relating to Electromagnetic Compatibility Directive (2004/108/EC). For the evaluation regarding EMC, the following standards were applied:

RFI Emission:

EN 55022:1998+A1:2000+A2:2003 Class B	: Product family standard
EN 61000-3-2:2000+A2:2005 Class A	: Limits for harmonic current emission
EN 61000-3-3:1995+A1:2001	: Limitation of voltage fluctuation and flicker in low-voltage supply system
Immunity:	
EN 55024:1998+A1:2001+A2:2003	: Product family standard

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1. Package Contents

This package contains the following items :



Driver CD (Driver & User Manual)

2. Introduction

The Grand Multi View enables you to add an additional monitor to your desktop or laptop through USB 2.0 without VGA card. With the unit, you can extend your display across two monitors, you can surf website on one monitor and word processing on the other.

What's more, the mirror function allows you to display the same desktop image on two monitors. The Grand Multi View supports VGA and HDMI outputs, and the resolution supports up to 1600 x 1200 or 1680 x 1050 (32bit).

The Grand Multi View can be used for education (synchronous teaching-learning), and also can be used by art designer, architect or engineer (use second display for pallets or tools). The Grand Multi View is designed to enhance work efficiency with fewer errors.

3. System Requirements

- Operating System: Microsoft Windows XP/ Vista (32bit).
- Processor: Pentium 4 2.4GHz or above
- 512MB RAM or above
- Available USB 2.0 port
- 30Mb of available disk space

NOTE: It is recommended to use Windows Vista (32bit) system for playing video file on screen wall.

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4. Product Features

- Plug & play. Installs in seconds.
- Easily connect up to 6 (Windows OS)/ 4 (Mac OS) monitors to one PC through USB 2.0.
- Supports VGA and HDMI outputs.
- Supports resolution up to 1600 x 1200 or 1680 x 1050 (32 bit true color).
- Bundled Software:
 - Supports Extended and Mirror Functions
 - Supports screen resolution and color quality adjustment in extended mode.
 - Allows you to rotate the screen on the add-on monitor by 90, 180 or 270 degrees
 - Supports online update automatically.
 - The software has been awarded Microsoft Windows Certification.
- Compatible with Windows 2000, XP and Vista (32bit).
- Completely new architecture to support Vista Aero (32bit).
- Supports all Intel Macs (iMAC, MacBook, MacBook Pro, MacBook Air, Mac Mini & Mac Pro)
- No external power supply needed (power is supplied from the PC through USB connection).
- Dimensions: 100(L) x 55(W) x 33(H) mm.

5. Hardware Overview



6. Installation

Step 1: Insert the provided driver CD into your CD-ROM driver, then execute the **Setup.exe** file and select your language to install.

Install DisplayLink Sof	tware for USB-VGA-HDI	WI Display Adapter	
			S
English	-		
SOFTWA	RE END USER LICENC	E AGREEMENT FOR	
DISPLAYLINK MIRR	OR DRIVER and DISPL SOFTWARE	AYLINK GRAPHICS ADA	IPTER
	(THE "PROGRA	M")	
This is a legal agreem (UK) Limited ("Display AGREEING TO BE BO	ent between you, the e /Link"). BY INSTALLIN UND BY THE TERMS (nd user, ("You") and Dis G THIS SOFTWARE, YO DF THIS AGREEMENT.	playLink)U ARE
Some versions of this software at least once disabled this feature information about your update servers during t means that you accept	software, once installe and then again at regul: when given this opti PC or the software ins his process. Accepting this product feature.	d, will check for updated ar intervals unless you spe on. No personal informa stalled on your PC is ser the End-User License Ag	system ecifically ation or nt to our reement
Automatically check for u	ipdates	I Accept	Cancel

Step 2: Connect the Multi View to an USB 2.0 port of your computer by using the provided USB cable.

Step 3: Use the HDMI cable or VGA cable to connect your monitor or projector that supports HDMI or D-SUB (VGA) port.

7. Using the Multi View 7.1 Using the Multi View DisplayLink Manager

After the driver is installed, a utility (Multi View DisplayLink Manager) will automatically appear in the system tray. The utility allows you to quickly change the settings and resolution for Multi View. Right-clicking the icon will bring out the context menu.





Screen Resolution: Select the screen resolution (available only in extended mode).



Color Quality: Select the screen color quality (available only in extended mode).



Screen Rotation: Rotate the screen on the additional monitor by 90, 180 or 270 degrees.

layei	and the second
•	
•	
•	
•	Normal
•	Rotated Left
13	Rotated Right
	Upside-Down
	A second light
	• • •

Extend to: Reposition the extended screen to the top, bottom, left or right of the primary display.



Extend: Set the Multi View to Extended mode.

1 Indeban	
opuaces	
Screen Resolution	,
Color Quality	
Screen Rotation	
Extend To	,
Extend	
Mirror	
Off	
Advanced	

Mirror: Set the Multi View to Mirror mode. You can see the same desktop image on the additional monitor.



Off: Disable the Multi View on the system.

Updates	•
Screen Resolution	*
Color Quality	Þ
Screen Rotation	•
Extend To	•
Extend	
Mirror	
Off	
Advanced	

Advanced: Directly access the Display Properties. You can also adjust the resolution, color quality, position and refresh rate via the Display Properties.



	3
Display:	
Display: 1. Plug and Play Monitor on WinFas	PX8400 GS TDH(NVIDIA)
Display: 1. Plug and Play Monitor on WinFast <u>Screen resolution</u>	PX8400 GS TDH(NVIDIA)
Display: 1. Plug and Play Monitor on WinFasi Screen resolution Less More	PX8400 GS TDH(NVIDIA)
Display: 1. Plug and Play Monitor on WinFass Screen resolution Less More 1024 by 768 pixels	PX8400 GS TDH(NVIDIA)
Display. 1. Plug and Play Monitor on WinFas Screen resolution Less More 1024 by 768 pixels VI Use this driver, as the primary more	PX8400 GS TDH(NVIDIA)
Display: 1. Plug and Play Monitor on WinFast Screen resolution Less More 1024 by 768 pixels Use this device as the primary more Extend me Window destato onthe	PX8400 GS TDH(NVIDIA)

7.2 Using More Multi View

It doesn't need to install driver again as long as you has completed above process of driver installation in advance. It will automatically define the ID of new adding Multi View. All the Multi View will list in the **Display Properties** or the display manager menu.

Updates	
2. M-View (USB_0211-000001)	
3. M-View (USB_0211-000000)	,

NOTE: When connecting more Multi View to a computer, a system with higher CPU performance is recommend.

7.3 Firmware Update

Manually Update

Click the **Updates** \rightarrow **Check Now...**, and it will check and download the latest firmware immediately..

NOTE: Confirm that your computer is already connected to the network.

Multi View DisplayLink Ma	nager	
Updates	×	Check Now
Screen Resolution		Configure
Color Quality		Section 2
Screen Rotation	•	
Extend To	•	
Extend		
Mirror		
Off		
Advanced		a source the
	9	2 😼 🦁 11:4

Automatic Update

Click the **Updates** \rightarrow **Configure...**, the **Updates Options** window will appear as shown below. You can set the update method and frequency in the windows.

Updates	Þ	Check Now
Screen Resolution		Configure
Color Quality		A State of the second
Screen Rotation	•	
Extend To	i.	
Extend		
Mirror		
Off		
Advanced		in and in

Updates Options				X			
Check Frequency O Do not check for upo	lates automatically.						
Check and prompt me to download and install the updates.							
Check and automatic	ally download and install:	All	× 1	updates.			
Check Frequency: 7 days.							
Next Notification: 11:44	:52 AM Thursday, May 15, 200	8					
Options							
Downloads Folder:	C:\Program Files\USB-VGA-HDMI Display Adapter\update:						
			ОК	Cancel			

8. Uninstall the Device Driver

Follow the steps below to uninstall the driver of the Multi View.

Step 1: Open the Control Panel: Start \rightarrow Control Panel \rightarrow Add or Remove Programs.

Step 2: Select USB-VGA-HDMI DisplayLink Adapter and click Remove.



Step 3: Click Yes to confirm the removal.

Add or Remove Programs			
?	Are you sure you want to remove USB-VGA-HDMI Display Adapter from your computer?		

Step 4: Click Yes to restart your computer.

playLink Core Software	
You must restart your system for the changes made to DisplayLink Con effect. Click Yes to restart now or manually restart later.	he configuration re Software to take No if you plan to

9. Troubleshooting

Situation		Check Point		
	1.	Make sure you restart your computer after the		
		driver installation.		
	2.	Check all the connectors are plugged in correctly.		
	3.	Make sure the USB port that you are using is USB		
The device driver has		2.0.		
been installed, but the	4.	Check the additional monitor is connected		
Multi View is not working		correctly and the power is on.		
	5.	Make sure the operating system, the Multi View is		
		compatible with Windows 2000, XP and Vista		
		(32bit).		
	6.	Try a different USB 2.0 or computer.		
DVD player not working	1.	Try to open the program in the additional display		
when move it over to the		first before playing the DVD.		
extended display				
The mouse not move	1.	Check the display settings and make sure that		
pass the right side of the		your display number 2 is on the right side of		
screen as it should on		display number 1.		
extended desktop				